

**STATE OF RHODE ISLAND  
COASTAL RESOURCES MANAGEMENT COUNCIL**

IN THE MATTER OF:

REVOLUTION WIND, LLC  
Application to Construct and Maintain  
Two 23-Mile Submarine Export Cables through  
the West Passage of Narragansett Bay to the Cable  
Landing Location in North Kingstown and  
Other Associated Facilities.

**CRMC File No.: 2021-07-005**

**SECOND SUPPLEMENTAL PREHEARING DISCLOSURE OF WITNESSES AND  
SUPPLEMENTAL EVIDENCE**

Applicant Revolution Wind, LLC (“Revolution Wind”) submits these supplemental witnesses for the hearing scheduled to continue on December 13, 2022. Revolution Wind reserves its right to amend or supplement this filing including for rebuttal.

**I. REVOLUTION WIND’S ANTICIPATED WITNESSES**

Revolution Wind proposes the following additional people as anticipated substitution witnesses. This is necessary because certain witnesses are not available on December 13, 2022, including one who is on bereavement leave. Revolution Wind reserves the right to call other persons not listed below or listed in its October 21, 2022 and November 11, 2022 submissions as witnesses for rebuttal or in the event that new issues are raised during the hearing.

**Witness Name:** Kristen Trudell (to substitute for Gareth Ellis)  
**Affiliation:** Orsted  
**Anticipated Testimony:** Ms. Trudell is a Lead Offshore Cable Installation Specialist for Orsted. Ms. Trudell will be available to testify about the development of the technical requirements for the Revolution Wind Export Cable in State waters (“RWEC-RI”); the seabed conditions for the RWEC-RI; preparation of the seabed floor for the cable installation; the tools, vessels and vessel equipment that will be used to install the RWEC-RI; a step by step description of the cables’ installation including the vessel that will likely be used and the tools to be used; the use of the cable burial risk assessment; the steps that will be taken for the target burial depth of 4’ to 6’; cable reburial if any; and the non-use or use, type and type of locations for secondary protection in certain areas where target cable burial depth cannot be achieved.

**Witness Name:** Brian Gervelis (to substitute for Drew Carey)  
**Affiliation:** INSPIRE Environmental  
**Anticipated Testimony:** Mr. Gervelis is a Senior Scientist at INSPIRE Environmental. He serves as a technical lead for marine environmental assessments and habitat mapping for Revolution Wind. Mr. Gervelis will be available to testify regarding studies he and others have conducted at the Block Island Wind Farm (“BIWF”) demonstrating that the operation and electrification of the BIWF has not meaningfully impacted the presence of fish at the BIWF. Mr. Gervelis will be presented as a fact witness and/or an expert witness.

**Witness Name:** Kellen Ingalls (to substitute for Jesper Christensen)  
**Affiliation:** Orsted  
**Anticipated Testimony:** Mr. Ingalls is the Project Development Director for Orsted. Mr. Ingalls anticipates testifying regarding Revolution Wind’s mitigation program. Relying on the testimony and documents in the record demonstrating Revolution Wind’s extensive efforts to avoid and minimize potential impacts to commercial or recreational fisheries from the RWEC-RI, Mr. Ingalls will testify regarding the numerous discussions and working sessions Revolution Wind has had with the Council’s Fisherman’s Advisory Board (“FAB”) regarding the reports authored by the Woods Hole Oceanographic Institution (“Woods Hole”) on baseline fisheries landings and landed values derived from the RWEC-RI route area and the potential impacts to landings and landed values from the construction, operation and maintenance, and decommissioning of the RWEC-RI. Mr. Ingalls will testify that, using the Woods Hole reports as a guide, and incorporating information from the FAB, Revolution Wind has developed a fair and transparent mitigation framework. Mr. Ingall’s testimony will describe the overall compensatory mitigation proposal and its various components.

**II. REVOLUTION WIND’S SUPPLEMENTAL EVIDENCE**

**Exhibits:**

- 36. Resume of Kristen Trudell
- 37. Resume of Brian Gervelis

REVOLUTION WIND, LLC  
By its Attorneys,



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Dated: December 9, 2022

**CERTIFICATE OF SERVICE**

Coastal Resources Management Council  
Stedman Government Center, Suite 3  
4808 Tower Hill Road  
Wakefield, RI 02879-1900

I hereby certify that on December 9, 2022, I emailed the within document to the CRMC and sent (in quadruplicate) via courier to the CRMC at the above-referenced address.



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Robin L. Main

# Exhibit 36

# KRISTEN TRUDELL

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## **PROJECT MANAGER**

Project Management, Environmental and Siting background with experience in the areas of:

Project Management	Program/Policy Development
Public Hearing/Testimony	Project Permitting
Regulatory Compliance	Budget Management
Contract Management	Customer Service

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## **EMPLOYMENT / EXPERIENCE**

### **Lead Offshore Installation Specialist**

April 2020 – Present

Orsted, 56 Exchange Terrace Suite 300, Providence RI 02903

Support the planning, development, permitting and construction of offshore wind projects across Orsted's North American portfolio of projects optimizing the cable installation scope. Duties include:

- Secure project permits, licenses, and siting approvals providing written and verbal guidance on cable installation methodologies and practices. Development of project permit strategy including evaluations of risk, and construction methodologies.
- Support procurement of cable installation contractors including the issuance of request for proposal documentation, evaluation of bidder submittals, and recommendations of contract award. Assist in the sourcing of local construction contractors and suppliers. Support efforts to produce a procurement strategy to align with the US project life cycle with contract strategy.
- Development of construction processes for North American portfolio of projects. Coordinate contractor compliance with project conditions including quality controls, environmental conditions, health and safety, etc.

### **Project Manager**

2011 - 2020

Eversource Energy, 247 Station Drive, Westwood MA 02090

Manage the planning, development, permitting and construction for large utility construction projects. Responsibilities also include providing supervision and guidance for a staff of field supervisors and inspectors charged with the overall coordination, direction, implementation and execution of the project construction plan as well as compliance with safety and environmental rules and permits. Other duties include:

- Lead project planning and development efforts of major overhead and underground transmission line, substation, and communications projects. Responsible for defining project scope, engineering oversight, cost estimating, outage planning and scheduling of projects throughout the conceptual and construction phases.
- Secure project permits, licenses and siting approvals allowing projects to proceed to construction. Such authorizations include State DPU, local bylaws, ISO New England, US Army Corps of Engineers, budgets, materials, equipment contractors, and resources for transmission construction projects.
- Coordinate and provide direction for internal and external resources for project execution including creation of RFP requests, approval of project contracts, assemble an internal project team, and ensure procurement of equipment and supplies.
- Manage the overall project budget and report on a monthly basis to senior management team and company leadership.
- Track project deliverables and if necessary, implement interventions and solutions to achieve desirable project outputs
- Execute projects meeting company safety, quality, budget, and schedule requirements. Executed 83 million dollars in transmission projects during time with Project Management Department.

### **Environmental Engineer**

2007 - 2011

NSTAR Electric & Gas, One NSTAR Way, Westwood MA

- Environmental Construction Support associated with electric and gas projects. Support consists of managing all environmental aspects of a project including siting, permitting, soil management, dewatering, hazardous waste disposal, and project compliance.
- Develop programs, policies and procedures to ensure company compliance with environmental, health and safety regulations. Such items include either direct responsibility or assisting with including Company Soil Management Plan., Construction Dewatering Plan and project permit tracking system
- Provide written and oral testimony for regulatory filings and public hearings. Testimony typically consists of presenting a project description, schedule, and explanation of resource impacts and mitigation practices.

### **Researcher and Permit Processor**

(Full time equivalent 1.5 years) 2005 - 2007

The Fallon Company, One Marina Park Drive, Boston, MA

- Attained data and performed permit analysis for multiple commercial and residential site development projects.
  - Researched and performed construction and site permitting.
  - Performed property due diligence research for possible redevelopment sites.
  - Performed environmental impacted and mitigation analysis.

### **Emergency Restoration Supervisor**

- Oversee and direct electric line department personnel and/or contracted line crews during storm restoration.
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## **SELECTED ACCOMPLISHMENTS**

### Orsted North East Program

- Authored new contract documentation for cable installation and HDD scopes, incorporating State and Federal permitting conditions.
- Participated in South Fork and Sunrise Wind Article VII certificate conditions joint proposals negotiations
- Created Environmental Management and Construction Plans for South Fork and Sunrise Wind
- Proved testimony for Revolution Wind to the Energy Facility Siting Board.

### Harbor Electric Energy Company 115kV Submarine Cable

- Land Rights acquisition from private and public entities.
- Help reach multi stakeholder MOU with Massport, MWRA, US Federal Government, and USACE.
- Contract management of all major equipment and construction contracts
- Project permits including DPU waiver, Chapter 91 license and USACE section 404 and 408
- Managed engineering, procurement and construction of 3 miles of submarine cable and two 36" HDD.
- Removed 8,000 ft of abandoned cable in Federal Shipping Channel and Reserve Channel in Boston Harbor.

Responsible for a 2014 project budget representing approximately 44 percent of the overall company transmission budget. Project list includes a variety of major projects including:

- Line 191, 133,132,112, 136 rebuild
- Structure refurbishment Program Lines
- Dewar Street 115 kV UG PTC Line
- Line 139 Massachusetts Department of Public Utilities siting

Transmission Line experience includes:

- Line reconductoring – 13.8 miles
- Line refurbishment – 10 miles
- New Overhead and Underground line construction
- Counterpoise installation -80 miles
- SEECO Switch installation
- DPU petition development for Falmouth Substation expansion, Line 111, and Mid Cape Line

Electric Substation experience includes:

- 345Kv Transformer installation
- Breaker/ circuit switcher replacements
- Heat Exchanger, 8 units
- Pump Plant

Other Programmatic Maintenance Projects include:

- Gate and Barrier Program.
- ROW Road Improvement Program. 216 Miles
- Structure Painting Program 120 345kV structures
- Cathodic protection Program – Mystic Tunnel

Provided expert written and oral testimony for the following regulatory proceedings:

- D.P.U. 13-86: Dewar Street Project – 115kV UG Transmission Line

- D.P.U. 14-08: Line 139 Transmission Line – Barnstable to Harwich Tap
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## **EDUCATION**

### **University of Massachusetts**

Bachelor of Science Degree in Earth and Geographic Science

Certificate in Hydrogeology Studies

Honors: University Presidents Scholarship, Grace Grossman Scholarship

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Boston, MA

May 2006

## **ADDITIONAL SKILLS**

Knowledgeable in Microsoft Word, Microsoft Excel, Microsoft PowerPoint, and Primavera P6

# Exhibit 37



513 Broadway, Suite 314 | Newport, RI 02840 | (401) 849-9236  
brian@INSPIREenvironmental.com



## **BRIAN GERVELIS | Senior Scientist**

### **Education**

**M.S.** Fisheries Science, University of Rhode Island, 2005

**B.S.** Marine Biology, University of Rhode Island, 2001

### **Areas of Specialization**

Data Analysis & Management  
Fisheries Ecology & Survey Design  
Environmental Monitoring and Assessment  
Data Analysis & Synthesis  
Offshore Wind Research  
Research Advisor to ROSA (Responsible Offshore Science Alliance)

### **Certifications**

BOSIET, OGUK Medical, US Fish and Wildlife Motorboat Operator Certification, NOAA Component Small Boat Operator, NAUI Advanced SCUBA Diver, NOAA Protected Species Safe Handling and Release Workshop

### **Employment History**

**2022-Present** – Senior Scientist, INSPIRE Environmental

**2019-2021** – Project Scientist, INSPIRE Environmental

**2010-2018** – Cooperative Research Data Analyst, Integrated Statistics under contract to NOAA Fisheries

**2006-2010** – Assistant Northeast Area Lead, Integrated Statistics under contract to NOAA Fisheries

**2005** – Data Editor, Integrated Statistics under contract to NOAA Fisheries

(HMS) in the Wind Energy Areas (WEA's) proposed off southern New England using passive acoustic telemetry. Baseline data on presence and persistence of three popular recreational HMS will be collected to monitor and characterize their spatial and temporal extents within the WEA's. 60 acoustic tags will be placed on bluefin tuna, shortfin mako, and blue sharks over the length of the project with 15 receivers deployed at popular recreational fishing sites across four wind energy lease areas. The resulting 'detection' data obtained from the receivers will be merged with regional data and analyzed to meet study objectives with the overall goal of establishing baseline information on HMS presence and persistence in the popular recreational fishing areas and establishing a long-term monitoring strategy to evaluate the impacts of wind energy projects on key HMS in the southern New England WEAs.

### **EXPERIENCE SUMMARY**

Brian Gervelis is a marine scientist with a focus on fisheries sampling design, analysis, and reporting. He designs research and monitoring plans in support of offshore wind development. He has extensive knowledge of Northeast and Mid-Atlantic commercial fisheries and fishery-dependent data. Mr. Gervelis has more than seventeen years of diverse experience in environmental field work supporting long-term monitoring programs to assess fish populations and cooperative research studies with members of the commercial fishing industry. He has a strong quantitative background including analysis and interpretation of large ecological data sets. His master's thesis research investigated the life history of common thresher sharks using vertebral band counts to assess age and growth.

### **PROFESSIONAL EXPERIENCE**

***INSPIRE Environmental, Senior Scientist.*** As a Senior Scientist, Mr. Gervelis' responsibilities include designing, implementing, analyzing, and reporting on fisheries surveys. He designs research and monitoring plans to collect data before, during, and after construction of offshore wind farms. He directs commercial and recreational fisheries research and prepares Essential Fish Habitat assessments in support of Construction and Operation Plans and Benthic Habitat Mapping projects for offshore wind development. He supports data management for beam trawl, fish pot, ventless trap, and gillnet surveys at the South Fork Wind Farm. He is also the co-PI on the first regional study using acoustic telemetry to monitor movements of Highly Migratory Species in the wind energy areas off southern New England.

### ***2020-2021 – MassCEC, Monitoring of Highly Migratory Species in New England Wind Energy Areas using Passive Acoustic Telemetry***

Mr. Gervelis has partnered with Dr. Jeff Kneebone of the Anderson Cabot Center for Ocean Life at the New England Aquarium to conduct a two-year pilot project to monitor Highly Migratory Species

## **PRIOR PROFESSIONAL EXPERIENCE**

### ***Cooperative Research Data Analyst, USDOC/NOAA/NMFS/NEFSC Cooperative Research Program, Contractor: Integrated Statistics.***

Mr. Gervelis served as Chief Scientist for various fishery independent surveys, conducting biological sampling, fish tagging, and catch estimation analysis. Surveys included Gulf of Maine Cooperative Bottom Longline Survey, Cooperative Research Spiny Dogfish Tagging Trawl Survey in southern New England and COASTSPAN Sandbar Shark Nursery Ground Survey in Delaware Bay. He performed extensive data analysis using a variety of statistical methods, spatial and temporal species distribution mapping, and various fish population assessment techniques. He maintained and utilized relational databases and performed queries and analysis using various programming languages.

### ***Assistant Northeast Area Lead, USDOC/NOAA/NMFS/NEFSC Fisheries Sampling Branch, Contractor: Integrated Statistics.***

Mr. Gervelis assisted with planning, coordinating, and executing observer coverage in fisheries throughout the Northeast. He compiled annual and monthly data summaries for distribution to multiple end users. He assisted with observer training classes by providing lectures on shark, sturgeon, and sea turtle identification. He also deployed aboard commercial fishing vessels to provide field training to new observers.

### ***Data Editor, USDOC/NOAA/NMFS/NEFSC Fisheries Sampling Branch, Contractor: Integrated Statistics.***

Mr. Gervelis reviewed and edited data collected by NMFS observers. He performed extensive QA/QC procedures to ensure data quality and integrity prior to upload in the program's database. He maintained records on individual observer performance and regularly debriefed observers.

## **SELECTED PUBLICATIONS**

- Kneebone, J., H. Bowlby, J.J. Mello. C.T. McCandless, L.J. Natanson, B. Gervelis, G.B. Skomal, N. Kohler, and D. Bernal. 2020. Seasonal distribution and habitat use of the common thresher shark (*Alopias vulpinus*) in the western North Atlantic Ocean inferred from fishery-dependent data. *Fish. Bull.* 118:399-412.
- Kneebone, J., Sulikowski, J., Knotek, R., McElroy, W.D., Gervelis, B., Curtis, T., Jurek, H., and Mandelman, J. 2020. Using conventional and pop-up satellite transmitting tags to assess the horizontal movements and habitat use of thorny skate (*Amblyraja radiata*) in the Gulf of Maine. *ICES Journal of Marine Science*, fsaa149, <https://doi.org/10.1093/icesjms/fsaa149>.
- Richard J. Bell, Brian Gervelis, Glenn Chamberlain, & John Hoey. 2017. Discard Estimates from Self-Reported Catch Data: an Example from the U.S. Northeast Shelf. *North American Journal of Fisheries Management*, 37: 113-1144.
- Lisa J. Natanson, Li Ling Hamady, & Brian J. Gervelis. 2016. Analysis of Bomb Radiocarbon Data for Thresher Sharks, *Alopias vulpinus*, in the western North Atlantic Ocean with Revised Growth Curves. *Environmental Biology of Fishes*, 99:1, 39-47.
- Lisa J. Natanson, Brian J. Gervelis, Megan V. Winton, Li Ling Hamady, Simon J. B. Gulak, & John K. Carlson. 2014. Validated Age and Growth Estimates for *Carcharhinus obscurus* in the Northwestern Atlantic Ocean, with Pre- and Post-Management Growth Comparisons, *Environmental Biology of Fishes* 97: 881-896.
- Brian J. Gervelis & Lisa J. Natanson. 2013. Age and Growth of the Common Thresher Shark in the Western North Atlantic Ocean, *Transactions of the American Fisheries Society*, 142:6, 1535-1545.
- Lisa J. Natanson & Brian J. Gervelis. 2013. The Reproductive Biology of the Common Thresher Shark in the Western North Atlantic Ocean, *Transactions of the American Fisheries Society*, 142:6, 1546-1562